



# Jowat-Toptherm®

## 238.97



The new generation of PO hot melts for the assembly of core packages

Outstanding oxidation stability compared to standard PA hot melts

Fast downline processing and short process cycles due to fast build-up of cohesion despite a long open time

High heat resistance

Core assembly adhesives have to meet very complex requirements. They need to provide a long open time, a fast build-up of cohesion (handling strength), high heat resistance, and excellent process reliability.

More and more frequently, core packages are assembled with thermoplastic polyolefin (PO) hot melts. Compared to standard polyamide (PA) hot melts which have been the standard product for this application for many years, PO hot melt adhesives are characterised by significantly better oxidation stability. This leads to substantially reduced production downtimes due to maintenance and cleaning work or malfunctions, and increases the reliability of processes.

ance and cleaning work or malfunctions, and increases the reliability of processes.

**Jowat Tophtherm® 238.97** is a new high performance PO hot melt adhesive which has been developed specially for the assembly bonding of core packages. The innovative formulation provides an extended open time while also ensuring a fast build-up of cohesion and excellent heat resistance. The immediate handling strength of the adhesive supports the high degree of automation introduced in many foundries, and facilitates short process cycles in the bonding of core packages.

**Benefits**

- ✓ Significantly better oxidation stability compared to PA hot melts
  - more reliable processes
  - less downtimes
  - less maintenance and cleaning
- ✓ Long open time and fast cohesion build-up
  - ideal for automated processes
  - more adhesive dots per process step possible
  - fast downline processing
- ✓ High heat resistance



Left: standard PA adhesive  
Right: Jowat-Toptherm® 238.97

**Jowat-Toptherm® 238.97**

Assembly adhesive for bonding core packages manufactured in automated processes.

Polymer basis	polyolefin
Processing temperature [°C]	180 – 200
Density [g/cm³]	approx. 0,92
Viscosity at 200°C [mPas]	approx. 1.100
Colour	colourless opaque



Aluminium castings

The information given in this leaflet is based on test results from our laboratories as well as on experience gained in the field, and does in no way constitute any guarantee of properties. Due to the wide range of different applications, substrates, and processing methods beyond our control, no liability may be derived from these indications nor from the information provided by our free technical advisory service. Before processing, please request the corresponding data sheet and observe the information in it! Customer trials under everyday conditions, testing for suitability at normal processing conditions, and appropriate fit-for-purpose testing are absolutely necessary. For the specifications as well as further information, please refer to the latest technical data sheets.